TENATIONAL SEARCH REPORT

Information on patent family members

Internacional Application No PCT/EP2004/013520

				PC1/EP2004/013520			
	Patent document ed in search report		Publication date		Patent family member(s)	· · · · · · · · · · · · · · · · · · ·	Publication date
DI	E 19616848	A1	31-10-1996	JP	3581189	B2	27-10-2004
				JP	8300293		19-11-1996
1		•		ES	2141638		16-03-2000
٠.		- . ,		FR	2733450		31-10-1996
				GB :	2300586		13-11-1996
			All the second	IT -	MI960813		24-10-1997
				US	5761980	A	09-06-1998
ÜS	4056993	Α	08-11-1977	NONE			
DE	8414263	U1	05-09-1985	NONE			
DE	19924454	A1	30-11-2000	NONE			
DE	2939451	A1	14-05-1981	NONE			
WO	03000481	A	03-01-2003	DE	10129392	A1	02-01-2003
				WO	03000481		03-01-2003
		-		EP	1401632		31-03-2004
		<u>.</u>		US	2004187443		30-09-2004
EP	0443395	A	28-08-1991	CH .	682549	A5	15-10-1993
				AT	103218	T	15-04-1994
	•		•	AU	636450	B2	29-04-1993
				AU	7123391	A	22-08-1991
	•			BR	9100713	A	29-10-1991
				CA	2036470	C	14-02-1995
		•	÷	DE	69101457		28-04-1994
		•	. •	DE	69101457		21-07-1994
				EP	0443395		28-08-1991
				JP	2506513		12-06-1996
		• .		JP	4226336		17-08-1992
				US	5131900	A	21-07-1992
US	4836073	A	06-06-1989	IT	1186425		26-11-1987
				AR AT	246036 66640		30-03-1994
				AU .	592391		15-09-1991 11-01-1990
				AU	6638386		18-06-1987
				BR	8606103		15-09-1987
		•		CA	1271125		03-07-1990
				CN	86108457		01-07-1987
			·	DE	3681130		02-10-1991
				DK	592686		12-06-1987
			•	EG	17950	A	30-11-1991
				EP	0225662		16-06-1987
	•			FI	864921		12-06-1987
				GR	3002893		25-01-1993
				IL	80890		15-04-1991
	•			IN	169642		30-11-1991
				JP	62166995		23-07-1987
				KR	9003644		28-05-1990
				MA	20823		01-07-1987
				MX NO	160045 <i> </i> 864976 <i> </i>		10-11-1989
							12-06-1987
				N7	21017E	A	20-02 1000
				NZ Pl	218476 <i>l</i> 262899 <i>l</i>		29-03-1989 19-10-1987

I NATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2004/013520

	atent document d in search report		Publication date:	Patent family member(s)	Publication date
-	4836073	A		ZA 8609091 A	26-08-1987
DE	3841250		13-06-1990	JP 2218590 A	31-08-1990
GB	1426343	Α	25-02-1976	NONE	
GB	2102325	Α	02-02-1983	DE 3128680 A1 FR 2510026 A1	10-02-1983 28-01-1983
DE	2351069	A1	17-04-1975	NONE	

NTENATIONAL SEARCH REPORT AND A

International Application No
PCT/EP2004/013520

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B26D7/26 B65B61/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 B26D B65B B29C B23D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

•	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 196 16 848 A1 (ISOWA CO., KASUGAI, AICHI, JP) 31 October 1996 (1996-10-31) column 7, line 39 - line 41; figures	1,2
Υ	US 4 056 993 A (BRETTRAGER ET AL) 8 November 1977 (1977-11-08) column 3, line 30 - line 65	3–8
Y	DE 84 14 263 U1 (ADOLF ILLIG MASCHINENBAU GMBH & CO, 7100 HEILBRONN, DE) 5 September 1985 (1985-09-05) page 2, line 18 - line 23	3–8
Y	DE 199 24 454 A1 (ROBERT NYBLAD GMBH) 30 November 2000 (2000-11-30) column 3, line 41 - line 48 column 4, line 12 - line 15	3-8
	-/	

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" eartier-document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the International search	Date of mailing of the international search report
8 February 2005	21/02/2005
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Vaglienti, G

INTENATIONAL SEARCH REPORT

International Application No
PCT/EP2004/013520

		PC1/EP200	4/013520
	DOCUMENTS CONSIDERED TO BE RELEVANT	1	
Category * Cita	tion of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
	DE 29 39 451 A1 (ICHIKAWA KIKAI KOGYO CO.,LTD; ICHIKAWA KIKAI KOGYO CO., LTD., DSAKA, J) 14 May 1981 (1981-05-14) figure 5		6
l i	WO 03/000481 A (CONVENIENCE FOOD SYSTEMS WALLAU GMBH & CO. KG; MICHEL, FRANK) 3 January 2003 (2003-01-03) 5 January 2003 (2003-01-03) 6 January 2003 (2003-01-03)		7,8
(EP 0 443 395 A (PETERS MASCHINENFABRIK GMBH) 28 August 1991 (1991-08-28) column 3, line 23 - line 27; figures		1,2
•	JS 4 836 073 A (CASTIGLIONI ET AL) - 5 June 1989 (1989-06-06) Figures	The second secon	
1 C	DE 38 41 250 A1 (MULTIVAC SEPP HAGGENMUELLER KG, 8941 WOLFERTSCHWENDEN, DE) 13 June 1990 (1990-06-13) Figures		3-8 *
2	GB 1 426 343 A (US PACKAGING CORPORATION) — 25 February 1976 (1976-02-25) Figure 17		3-8
G	BB 2 102 325 A (ADOLF * ILLIG MASCHINENBAU MBH AND CO) 2 February 1983 (1983-02-02) Dage 1, line 15 - line 20		3-8
L	DE 23 51 069 A1 (G.M.T.S.A; G.M.T.S.A., C.E. MANS, SARTHE; TABUR, MARCEL JEAN, CVRE-L'E) 17 April 1975 (1975-04-17) bage 5, line 6 - line 10; figures		3-8
	and the second s	e wyser in the constitution of the constitutio	
a water to	and the second of the second o		
			ingerigen in det film in det. Englisher
	and the control of the state of the control of the state		
			And The Market Control of the Contro
a.,			は、これがあり。 Varia kin in see in in ing Stæstur in see in in inte
		;	
		, , ,	4 14 1